

What is claimed is:

1. An antibody capable of specifically binding to a mammalian D2 dopamine receptor having an amino acid sequence identified as the amino acid sequence of Fig. 7A-C, Fig. 18A-H or Fig. 18A-H wherein amino acids 242-270 are deleted therefrom.
2. An antibody according to claim 1 that is a monoclonal antibody.
3. An antigen-binding fragment of an antibody according to claim 1, wherein said fragment can be produced by chemical or enzymatic cleavage of said antibody.
4. An antigen-binding fragment according to claim 3, wherein the fragment is an Fab fragment, an F(ab)' fragment, an F(ab)₂ fragment or an Fv fragment.
5. An antibody according to claim 1 wherein the mammalian D2 dopamine receptor is a human D2 dopamine receptor.
6. An antibody according to claim 5 wherein the mammalian D2 dopamine receptor has an amino acid sequence identified as the amino acid sequence of Fig. 18A-H or Fig. 18A-H wherein amino acids 242-270 are deleted therefrom.
7. An antibody according to claim 1 wherein the mammalian D2 dopamine receptor is a rat D2 dopamine receptor.
8. An antibody according to claim 5 wherein the mammalian D2 dopamine receptor has an amino acid sequence identified as the amino acid sequence of Fig. 7A-C.
9. An antibody according to claim 1 wherein the antibody is detectably-labeled.

10. An antibody according to claim 1 where the antibody has immunological binding specificity for an epitope comprising amino acids 2-13, 182-192, 264-277, 289-298 or 404-414 in Figure 1.

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